

Attorney Docket No. P12684 (27943-00408USP1) #9

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Magnus Hallenstal, et al.

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§  
§  
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§

Group Art Unit: 2661

Serial No: 09/765,119

Examiner: Olms, Douglas W

Filed: January 17, 2001

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DEC 24 2003

OFFICIAL

For: COMBINING NARROWBAND APPLICATIONS WITH BROADBAND TRANSPORT

**Via Facsimile - 703-872-9306**Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450**CERTIFICATE OF MAILING OR TRANSMISSION**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the U.S. Patent and Trademark Office, P. O. Box 1450, Alexandria, VA 22313-1450, or being facsimile transmitted to the USPTO on the date indicated below.

Date: December 24, 2003

*Pamela S. Newton*

Pamela S. Newton

Dear Sir:

**TRANSMITTAL OF ASSOCIATE POWER OF ATTORNEY**

Please file the enclosed Associate Power of Attorney for the above-referenced application as authorized by the following documents:

1. Associate Power of Attorney given to the *practitioners of Customer Number 27045* for a list of patent applications/patents (1 page);
2. Spreadsheet containing a list of patent applications/patents in order of application number on which this application number is listed (4 pages).

Sincerely,

By: 

John C. Hart, Reg. No. 41,403

Practitioner under Customer Number 27045

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September 29, 2003

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**ASSOCIATE POWER OF ATTORNEY**

I hereby appoint the practitioners of Customer Number 27045 with Associate Power of Attorney to prosecute the attached list of applications in the U.S. Patent and Trademark Office.

Sincerely,

JENKENS & GILCHRIST, P.C.

By: 

Printed Name: Stanley R. Moore  
Registration No. 26,958

EUS/J/P/03-8923

|    | A                 | B        | C        | D        | E   | F   |
|----|-------------------|----------|----------|----------|-----|-----|
| 1  | 38065             |          |          |          |     |     |
| 2  |                   |          |          |          |     |     |
| 3  | Ericsson Inc.     |          |          |          |     |     |
| 4  | 6300 Legacy Drive |          |          |          |     |     |
| 5  | M/S EVW 2-C-2     |          |          |          |     |     |
| 6  | Plano, TX 75024   |          |          |          |     |     |
| 7  |                   |          |          |          |     |     |
| 8  |                   |          |          |          |     |     |
| 9  |                   |          |          |          |     |     |
| 10 |                   |          |          |          |     |     |
| 11 |                   |          |          |          |     |     |
| 12 |                   |          |          |          |     |     |
| 13 |                   |          |          |          |     |     |
| 14 |                   |          |          |          |     |     |
| 15 |                   |          |          |          |     |     |
| 16 | 5881235           | 08612183 | 03/09/99 | 03/07/96 | YES | YES |
| 17 | 5943620           | 08760946 | 08/24/99 | 12/09/96 | YES | YES |
| 18 |                   | 08879887 |          | 08/20/97 | YES | YES |
| 19 | 6014556           | 08893215 | 01/11/00 | 07/15/97 | YES | YES |
| 20 | 6049714           | 08962479 | 04/11/00 | 10/31/97 | YES | YES |
| 21 | 6104931           | 09062839 | 08/15/00 | 04/20/98 | YES | YES |
| 22 |                   | 09121030 |          | 07/22/98 | YES | YES |
| 23 |                   | 09158026 |          | 09/21/98 | YES | YES |
| 24 |                   | 09189099 |          | 11/09/98 | YES | YES |
| 25 |                   | 09189771 |          | 11/10/98 | YES | YES |
| 26 |                   | 09195941 |          | 11/19/98 | YES | YES |
| 27 |                   | 09218858 |          | 12/22/98 | YES | YES |
| 28 |                   | 09219199 |          | 12/22/98 | YES | YES |
| 29 | 6295447           | 08224509 | 09/25/01 | 12/31/98 | YES | YES |
| 30 |                   | 09228878 |          | 01/12/99 | YES | YES |
| 31 |                   | 09276352 |          | 03/25/99 | YES | YES |
| 32 |                   | 09282832 |          | 03/31/99 | YES | YES |
| 33 |                   | 09310068 |          | 05/11/99 | YES | YES |
| 34 |                   | 09320115 |          | 05/26/99 | YES | YES |
| 35 |                   | 09320638 |          | 05/26/99 | YES | YES |
| 36 |                   | 09331634 |          | 12/22/97 | YES | YES |
| 37 |                   | 09353484 |          | 07/13/99 | YES | YES |
| 38 |                   | 09353853 |          | 07/15/99 | YES | YES |
| 39 | 6512918           | 09377247 | 01/28/03 | 08/19/99 | YES | YES |
| 40 |                   | 09387355 |          | 08/31/99 | YES | YES |
| 41 |                   | 09395909 |          | 09/14/99 | YES | YES |
| 42 |                   | 09396300 |          | 09/15/99 | YES | YES |
| 43 | 6552265           | 09412697 | 04/22/03 | 10/05/99 | YES | YES |
| 44 |                   | 09415705 |          | 10/11/99 | YES | YES |
| 45 |                   | 09428340 |          | 10/27/99 | YES | YES |
| 46 |                   | 09438225 |          | 11/12/99 | YES | YES |
| 47 |                   | 09445639 |          | 06/04/98 | YES | YES |
| 48 |                   | 09452911 |          | 12/01/99 | YES | YES |
| 49 |                   | 09467420 |          | 12/20/99 | YES | YES |
| 50 | 6591105           | 09475099 | 07/08/03 | 12/30/99 | YES | YES |
| 51 |                   | 09488817 |          | 01/20/00 | YES | YES |
| 52 |                   | 09494613 |          | 01/31/00 | YES | YES |
| 53 |                   | 09513251 |          | 02/24/00 | YES | YES |
| 54 |                   | 09515071 |          | 02/28/00 | YES | YES |
| 55 |                   | 09521469 |          | 03/08/00 | YES | YES |
| 56 |                   | 09530178 |          | 10/05/98 | YES | YES |
| 57 |                   | 09548523 |          | 04/13/00 | YES | YES |
| 58 |                   | 09553711 |          | 04/20/00 | YES | YES |
| 59 |                   | 09555592 |          | 11/11/98 | YES | YES |
| 60 |                   | 09556579 |          | 04/24/00 | YES | YES |
| 61 |                   | 09559786 |          | 04/27/00 | YES | YES |
| 62 |                   | 09559988 |          | 04/26/00 | YES | YES |
| 63 |                   | 09560242 |          | 04/27/00 | YES | YES |

|     | A | B        | C | D        | E   | F   |
|-----|---|----------|---|----------|-----|-----|
| 64  |   | 09560502 |   | 04/27/00 | YES | YES |
| 65  |   | 09560508 |   | 04/27/00 | YES | YES |
| 66  |   | 09568451 |   | 05/09/00 | YES | YES |
| 67  |   | 09569244 |   | 05/11/00 | YES | YES |
| 68  |   | 09569768 |   | 05/12/00 | YES | YES |
| 69  |   | 09570138 |   | 05/12/00 | YES | YES |
| 70  |   | 09573500 |   | 05/16/00 | YES | YES |
| 71  |   | 09580725 |   | 05/30/00 | YES | YES |
| 72  |   | 09582300 |   | 12/17/98 | YES | YES |
| 73  |   | 09584915 |   | 05/31/00 | YES | YES |
| 74  |   | 09602990 |   | 06/23/00 | YES | YES |
| 75  |   | 09609796 |   | 07/03/00 | YES | YES |
| 76  |   | 09614350 |   | 07/12/00 | YES | YES |
| 77  |   | 09615758 |   | 07/13/00 | YES | YES |
| 78  |   | 09632694 |   | 08/04/00 | YES | YES |
| 79  |   | 09641437 |   | 08/17/00 | YES | YES |
| 80  |   | 09645043 |   | 08/23/00 | YES | YES |
| 81  |   | 09652421 |   | 08/31/00 | YES | YES |
| 82  |   | 09652461 |   | 08/31/00 | YES | YES |
| 83  |   | 09652735 |   | 08/31/00 | YES | YES |
| 84  |   | 09654834 |   | 09/05/00 | YES | YES |
| 85  |   | 09661215 |   | 09/14/00 | YES | YES |
| 86  |   | 09661736 |   | 09/14/00 | YES | YES |
| 87  |   | 09664915 |   | 09/18/00 | YES | YES |
| 88  |   | 09671371 |   | 09/26/00 | YES | YES |
| 89  |   | 09671758 |   | 09/26/00 | YES | YES |
| 90  |   | 09675337 |   | 09/28/00 | YES | YES |
| 91  |   | 09675463 |   | 09/28/00 | YES | YES |
| 92  |   | 09677815 |   | 10/03/00 | YES | YES |
| 93  |   | 09678717 |   | 10/04/00 | YES | YES |
| 94  |   | 09686811 |   | 10/11/00 | YES | YES |
| 95  |   | 09686734 |   | 10/10/00 | YES | YES |
| 96  |   | 09687913 |   | 10/13/00 | YES | YES |
| 97  |   | 09692709 |   | 10/19/00 | YES | YES |
| 98  |   | 09693599 |   | 10/20/00 | YES | YES |
| 99  |   | 09696334 |   | 10/24/00 | YES | YES |
| 100 |   | 09700445 |   | 05/10/99 | YES | YES |
| 101 |   | 09700970 |   | 05/20/99 | YES | YES |
| 102 |   | 09704631 |   | 11/02/00 | YES | YES |
| 103 |   | 09706214 |   | 11/03/00 | YES | YES |
| 104 |   | 09706249 |   | 11/03/00 | YES | YES |
| 105 |   | 09708086 |   | 11/08/00 | YES | YES |
| 106 |   | 09712720 |   | 11/14/00 | YES | YES |
| 107 |   | 09717842 |   | 11/20/00 | YES | YES |
| 108 |   | 09718566 |   | 11/22/00 | YES | YES |
| 109 |   | 09719709 |   | 06/10/99 | YES | YES |
| 110 |   | 09723102 |   | 11/27/00 | YES | YES |
| 111 |   | 09724754 |   | 11/28/00 | YES | YES |
| 112 |   | 09728213 |   | 11/30/00 | YES | YES |
| 113 |   | 09730873 |   | 12/05/00 | YES | YES |
| 114 |   | 09730877 |   | 12/05/00 | YES | YES |
| 115 |   | 09738225 |   | 12/15/00 | YES | YES |
| 116 |   | 09740175 |   | 12/18/00 | YES | YES |
| 117 |   | 09740410 |   | 12/18/00 | YES | YES |
| 118 |   | 09740924 |   | 12/19/00 | YES | YES |
| 119 |   | 09741122 |   | 12/19/00 | YES | YES |
| 120 |   | 09745701 |   | 12/22/00 | YES | YES |
| 121 |   | 09752859 |   | 12/28/00 | YES | YES |
| 122 |   | 09755360 |   | 01/05/01 | YES | YES |
| 123 |   | 09755942 |   | 01/05/01 | YES | YES |
| 124 |   | 09755948 |   | 01/05/01 | YES | YES |
| 125 |   | 09757717 |   | 01/10/01 | YES | YES |
| 126 |   | 09760569 |   | 01/15/01 | YES | YES |

|     | A | B        | C | D        | E   | F   |
|-----|---|----------|---|----------|-----|-----|
| 127 |   | 09762995 |   | 08/05/99 | YES | YES |
| 128 |   | 09762998 |   | 08/03/99 | YES | YES |
| 129 |   | 09764960 |   | 01/17/01 | YES | YES |
| 130 |   | 09785119 |   | 01/17/01 | YES | YES |
| 131 |   | 09768953 |   | 01/24/01 | YES | YES |
| 132 |   | 09772203 |   | 01/29/01 | YES | YES |
| 133 |   | 09773245 |   | 01/31/01 | YES | YES |
| 134 |   | 09788055 |   | 02/16/01 | YES | YES |
| 135 |   | 09789230 |   | 02/20/01 | YES | YES |
| 136 |   | 09789691 |   | 02/20/01 | YES | YES |
| 137 |   | 09795231 |   | 02/26/01 | YES | YES |
| 138 |   | 09804422 |   | 03/12/01 | YES | YES |
| 139 |   | 09804556 |   | 03/12/01 | YES | YES |
| 140 |   | 09808494 |   | 03/14/01 | YES | YES |
| 141 |   | 09814031 |   | 03/21/01 | YES | YES |
| 142 |   | 09814288 |   | 03/21/01 | YES | YES |
| 143 |   | 09814406 |   | 03/21/01 | YES | YES |
| 144 |   | 09814407 |   | 03/21/01 | YES | YES |
| 145 |   | 09814434 |   | 03/21/01 | YES | YES |
| 146 |   | 09818170 |   | 03/27/01 | YES | YES |
| 147 |   | 09818341 |   | 03/26/01 | YES | YES |
| 148 |   | 09835229 |   | 04/13/01 | YES | YES |
| 149 |   | 09835479 |   | 04/16/01 | YES | YES |
| 150 |   | 09837493 |   | 04/18/01 | YES | YES |
| 151 |   | 09839100 |   | 04/20/01 | YES | YES |
| 152 |   | 09850338 |   | 05/07/01 | YES | YES |
| 153 |   | 09854798 |   | 05/14/01 | YES | YES |
| 154 |   | 09858067 |   | 05/14/01 | YES | YES |
| 155 |   | 09862215 |   | 05/21/01 | YES | YES |
| 156 |   | 09862217 |   | 05/21/01 | YES | YES |
| 157 |   | 09862543 |   | 05/21/01 | YES | YES |
| 158 |   | 09869461 |   | 12/29/99 | YES | YES |
| 159 |   | 09882956 |   | 08/15/01 | YES | YES |
| 160 |   | 09904315 |   | 07/12/01 | YES | YES |
| 161 |   | 09909190 |   | 07/19/01 | YES | YES |
| 162 |   | 09909192 |   | 07/19/01 | YES | YES |
| 163 |   | 09935459 |   | 08/23/01 | YES | YES |
| 164 |   | 09938085 |   | 08/23/01 | YES | YES |
| 165 |   | 09939083 |   | 08/24/01 | YES | YES |
| 166 |   | 09947105 |   | 09/05/01 | YES | YES |
| 167 |   | 09969364 |   | 10/01/01 | YES | YES |
| 168 |   | 09985088 |   | 11/01/01 | YES | YES |
| 169 |   | 09988490 |   | 11/20/01 | YES | YES |
| 170 |   | 10010832 |   | 12/06/01 | YES | YES |
| 171 |   | 10021940 |   | 12/12/01 | YES | YES |
| 172 |   | 10023599 |   | 12/17/01 | YES | YES |
| 173 |   | 10025354 |   | 12/18/01 | YES | YES |
| 174 |   | 10028176 |   | 12/21/01 | YES | YES |
| 175 |   | 10029361 |   | 12/21/01 | YES | YES |
| 176 |   | 10038233 |   | 10/22/01 | YES | YES |
| 177 |   | 10066027 |   | 01/30/02 | YES | YES |
| 178 |   | 10070896 |   | 08/16/00 | YES | YES |
| 179 |   | 10091658 |   | 03/04/02 | YES | YES |
| 180 |   | 10095928 |   | 03/12/02 | YES | YES |
| 181 |   | 10098010 |   | 03/14/02 | YES | YES |
| 182 |   | 10102222 |   | 03/19/02 | YES | YES |
| 183 |   | 10107704 |   | 03/27/02 | YES | YES |
| 184 |   | 10107708 |   | 03/27/02 | YES | YES |
| 185 |   | 10110332 |   | 10/26/00 | YES | YES |
| 186 |   | 10114517 |   | 04/01/02 | YES | YES |
| 187 |   | 10119701 |   | 04/10/02 | YES | YES |
| 188 |   | 10121238 |   | 04/11/02 | YES | YES |
| 189 |   | 10124088 |   | 04/15/02 | YES | YES |

|     | A | B        | C | D        | E   | F   |
|-----|---|----------|---|----------|-----|-----|
| 190 |   | 10125759 |   | 04/18/02 | YES | YES |
| 191 |   | 10129568 |   | 11/10/00 | YES | YES |
| 192 |   | 10132872 |   | 04/25/02 | YES | YES |
| 193 |   | 10143668 |   | 05/08/02 | YES | YES |
| 194 |   | 10143706 |   | 05/08/02 | YES | YES |
| 195 |   | 10153302 |   | 05/22/02 | YES | YES |
| 196 |   | 10155439 |   | 05/24/02 | YES | YES |
| 197 |   | 10168996 |   | 11/28/00 | YES | YES |
| 198 |   | 10175249 |   | 08/19/02 | YES | YES |
| 199 |   | 10181914 |   | 01/10/01 | YES | YES |
| 200 |   | 10182100 |   | 01/18/01 | YES | YES |
| 201 |   | 10201186 |   | 07/23/02 | YES | YES |
| 202 |   | 10218736 |   | 08/14/02 | YES | YES |
| 203 |   | 10221896 |   | 11/18/00 | YES | YES |
| 204 |   | 10234082 |   | 08/30/02 | YES | YES |
| 205 |   | 10276073 |   | 05/18/01 | YES | YES |
| 206 |   | 10278362 |   | 10/22/02 | YES | YES |
| 207 |   | 10311090 |   | 05/17/01 | YES | YES |
| 208 |   | 10311788 |   | 07/05/00 | YES | YES |
| 209 |   | 10369873 |   | 02/19/03 | YES | YES |
| 210 |   | 10398019 |   | 09/26/01 | YES | YES |
| 211 |   | 09829059 |   | 04/09/01 | YES | YES |
| 212 |   | 09829062 |   | 04/09/01 | YES | YES |
| 213 |   | 09829054 |   | 04/09/01 | YES | YES |
| 214 |   | 10167307 |   | 06/11/02 | YES | YES |
| 215 |   |          |   |          |     |     |